

? logon

*** It is now 2010/11/10 14:00:13 ***
(Dialog time 2010/11/10 14:00:13)

? b agri, tmks

```
>>> 126 is unauthorized
>>> 127 is unauthorized
>>> 226 is unauthorized
>>> 227 is unauthorized
>>> 228 is unauthorized
>>> 246 is unauthorized
>>> 651 is unauthorized
>>> 655 is unauthorized
>>> 656 is unauthorized
>>> 657 is unauthorized
>>> 658 is unauthorized
>>> 659 is unauthorized
>>> 661 is unauthorized
>>> 662 is unauthorized
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>>> 668 is unauthorized
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>>> 672 is unauthorized
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>>> 678 is unauthorized
>>> 679 is unauthorized
>>> 680 is unauthorized
>>> 681 is unauthorized
>>> 682 is unauthorized
>>> 683 is unauthorized
>>> 685 is unauthorized
>>> 688 is unauthorized
>>> 697 is unauthorized
>>>>32 of the specified files are not available
10nov10 14:00:21 User242963 Session 0750.1
00.00 0.247 DialUnits File415
$0.00 Estimated cost File415
$0.05 INTERNET
$0.05 Estimated cost this search
$0.07 Estimated total session cost 0.247 DialUnits
```

```
SYSTEM:OS - DIALOG OneSearch
File 5:Biois Previews(R) 1926-2010/Nov M1
(c) 2010 The Thomson Corporation
File 6:NIIS 1964-2010/Nov M2
(c) 2010 NTIS, Intl. Copyright All Rights Res
File 10:AGRICOLA 70-2010/Oct
(c) format only 2010 Dialog
File 24:CSA Life Sciences Abstracts 1966-2010/Oct
(c) 2010 CSA
File 28:Osando Abstracts 1966-2010/Oct
(c) 2010 CSA
File 29:Meteorology & Geostrophysical Abstracts 1966-2010/Oct
(c) 2010 CSA
File 34:SciSearch(R) Cited Ref Sci 1990-2010/Oct W5
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File 44:Aquatic Science & Fisheries Abstracts 1966-2010/Oct
(c) 2010 CSA
File 50:CAB Abstracts 1972-2010/Nov M2
(c) 2010 CAB International
File 64:Environmental Engineering Abstracts 1966-2010/Oct
(c) 2010 CSA
File 65:Inside Conferences 1993-2010/Nov 10
(c) 2010 BIOSIS all rts. reserv.
File 98:General Sci Abs 1984-2010/Oct
(c) 2010 The HM Wilson Co.
File 99:Wilson Appl. Sci & Tech Abs 1983-2010/Sep
(c) 2010 The HM Wilson Co.
File 117:Water Resources Abstracts 1966-2010/Oct
(c) 2010 CSA
File 144:Parael 1973-2010/Oct W5
(c) 2010 INIST/CNRS
File 203:AGRIS 1974-2010/Sep
Dist by WAK, Intl. Cogr. All rights reserved
File 235:AGROProjects 1990- 2006/Q4
(c) 2006 Informa UK Ltd
*File 235: Access to this file changed May 1, 2010. Please
see HELP NEWS 235 for information.
File 266:FEDRIP 2010/Sep
Comp & dist by NTIS, Intl. Copyright All Rights Res
File 357:Daxent Biotech Res. 1982-2010/Oct W1
(c) 2010 Thomson Reuters
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 2006 The Thomson Corp
```

```
Set Items Description
-----
```

? s fungi and culture

Processing

```

1868571 FUNGI
2932413 CULTURE
S1 190577 FUNGI AND CULTURE

```

? s molasses and sucrose and (corn (w) steep (w) liquor)

```

36768 MOLASSES
287814 SUCROSE
468912 CORN
85618 STEEP
43994 LIQUOR
4737 CORN(W)STEEP(W)LIQUOR
S2 118 MOLASSES AND SUCROSE AND (CORN (W) STEEP (W) LIQUOR)

```

? s s1 and s2

```

190577 S1
118 S2
S3 15 S1 AND S2

```

? d s3

Dialog eLink: [200910 Full Text Retrieval System](#)
 3/21 (Item 1 from file: 5)
 DIALOG(R)File 5: Basis Previews(R)
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0021081251 Biosis No.: 200900422688

Use of a sequential strategy of experimental design to optimize the inulinase production in a batch bioreactor

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 Journal: Journal of Industrial Microbiology & #8869 Biotechnology 36 (7) : p 895-900 JUL 2009 2009
 Item Identifier: doi:10.1007/s10295-009-0567-2
 ISSN: 1367-5435

Document Type: Article

Record Type: Abstract

Language: English

Registry Numbers: 9025-67-6: inulinase; 57-50-1: sucrose

DESCRIPTORS:

Major Concepts: Foods; Bioprocess Engineering

Biosystematic Names: Ascomycetes--Fungi, Plantae

Organisms: Kluyveromyces marxianus (Ascomycetes)--strain-NRRL Y-7571

Common Taxonomic Terms: Fungi; Microorganisms; Nonvascular Plants; Plants

Chemicals & Biochemicals: molasses; yeast extract; corn steep liquor; inulinase--production; fructooligosaccharides; sucrose--transfructosylation; industrial medium; pre-treated culture medium

Methods & Equipment: batch bioreactor--field equipment

Miscellaneous Terms: Concept Codes: enzymatic activity; shelf-life; aeration rate; food industry; Plackett-Burman design; central composite rotational design

Concept Codes:

10068 Biochemistry studies - Carbohydrates

10802 Enzymes - General and comparative studies: coenzymes

13502 Food technology - General and methods

39008 Food microbiology - General and miscellaneous

Biosystematic Codes:

15100 Ascomycetes

? logoff

```

10nov10 14:01:33 User242963 Session 0750.2
$2.66 0.412 DialUnits File#5
$2.64 1 Type(s) In Format 2
$2.64 1 Types
$5.32 Estimated cost File#5
$0.36 0.045 DialUnits File#6
$0.36 Estimated cost File#6
$0.23 0.078 DialUnits File#10
$0.23 Estimated cost File#10
$0.39 0.087 DialUnits File#24
$0.59 Estimated cost File#24
$0.24 0.036 DialUnits File#28
$0.24 Estimated cost File#28
$0.11 0.027 DialUnits File#29
$0.11 Estimated cost File#29
$4.04 0.135 DialUnits File#34
$4.04 Estimated cost File#34
$0.43 0.051 DialUnits File#44
$0.43 Estimated cost File#44
$0.92 0.183 DialUnits File#50
$0.92 Estimated cost File#50
$0.20 0.030 DialUnits File#64
$0.20 Estimated cost File#64
$0.15 0.033 DialUnits File#65
$0.15 Estimated cost File#65

```

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$0.14      0.030 DialUnits File98
$0.14 Estimated cost File98
$0.14      0.027 DialUnits File99
$0.14 Estimated cost File99
$0.24      0.036 DialUnits File117
$0.24 Estimated cost File117
$1.07      0.198 DialUnits File144
$1.07 Estimated cost File144
$0.34      0.129 DialUnits File203
$0.34 Estimated cost File203
$0.89      0.024 DialUnits File235
$0.89 Estimated cost File235
$0.09      0.024 DialUnits File266
$0.09 Estimated cost File266
$1.25      0.114 DialUnits File357
$3.25 Estimated cost File357
$1.53      0.051 DialUnits File434
$1.53 Estimated cost File434
OneSearch, 20 files, 1.752 DialUnits FileOS
$0.54 INTERPRET
$20.52 Estimated cost this search
$20.59 Estimated total session cost 1.999 DialUnits

```

Ended session: 2010/11/10 14:01:34

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